

IN THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1 (Currently Amended). A method of suppressing one or more narrow band signals in a communication system, the communication system comprising at least one wideband radio unit and at least one narrowband radio unit, the one or more narrowband signals that fall within the bandwidth of a the wide band radio unit that receives wide band signals, wherein the wide band signal(s) are wide band packet(s) and the one or more narrow band signals are narrow band packet(s), the method comprising the steps of:

receiving data packet(s) comprising the wide band packet(s) and the one or more narrow band packets falling within the wide band radio unit's bandwidth;
identifying the one or more narrowband packets found in the received data packet(s);
subtracting the one or more narrowband packets from the received data packet(s); and
decoding the received data packet(s) after the one or more narrowband packets have been subtracted, wherein the one or more narrow band packets are identified by the at least one narrowband radio unit.

- (a) searching for narrow band systems which might transmit the one or more narrow band signals;
- (b) receiving information from one or more of the narrow band systems that were found in step (a); and
- (c) using the information received in step (b) in order to provide an appropriate suppression technique to suppress any of the one or more narrow band signal(s) from the wide band signal sent to the radio.

2. Canceled.

3. Canceled.

4 (Currently Amended). A method as defined in claim 1, wherein the one or more narrow band systems at least one narrowband radio unit comprise Bluetooth systems and the

~~narrow band signals comprise Bluetooth packets and steps (a), and (b) are performed by a narrow band radio section which is part of the wide band radio.~~

5 – 11. Canceled.

12 (Currently Amended). A wide band radio, comprising:
a wide band radio section for receiving wide band packets;
a narrow band radio section for receiving packets sent by one or more Bluetooth systems
that operate within the wide band radio's bandwidth, the narrow band radio
section is coupled to the wide band radio section; and
wherein the narrow band radio section looks for ~~Bluetooth systems and is configured to~~
~~communicate[[s]] with any Bluetooth system(s) it detects, the information~~
~~received from the Bluetooth system(s) is used by the wide band radio section to~~
~~form an appropriate suppression technique to suppress the remove~~ Bluetooth
packet(s) from any wide band packet(s) received by the wide band radio section.

13. Canceled.

14 (Currently Amended). A wide band radio as defined in claim 12, wherein the wide band radio section receives a packet comprising both the at least one desired wide band packet and one or more Bluetooth packets; and the narrow band section decodes the one or more Bluetooth packets and the wide band radio subtracts the one or more decoded Bluetooth packets from the received packet.

15 (Currently Amended). A wide band radio as defined in claim 14, wherein the wide band radio section decodes the received packet after the one or more decoded Bluetooth packets have been subtracted from the received packet.

16 – 23. Canceled.